

AMENDMENTS

Please cancel claims 2, 5, 12, 15, 25, 32, 35 and 43-50 without prejudice, and amend the claims as indicated below. A claim listing reflecting the status of the claims follows.

1. (currently amended) A method for inhibiting proliferation ~~and inducing cell death~~ in a population of cancer cells having a *ras* gene mutation which increases *RAS* activity comprising by (i) increasing the amount of the differentiation protein, *MDA-7* by introducing, into one or more cell of the population, an effective amount of a nucleic acid encoding *MDA-7* protein, in expressible form and (ii) decreasing *RAS* activity by introducing, into one or more cell of the population, an effective amount of an antisense *ras* molecule within the population.
2. (cancelled)
3. (currently amended) The method of claim ~~2~~ 1 wherein the nucleic acid encoding *MDA-7* protein is comprised in a viral vector.
4. (original) The method of claim 3 wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector and a vaccinia virus vector.
5. (cancelled)
6. (currently amended) The method of claim ~~5~~ 1, wherein *RAS* activity is decreased by administering an effective amount of a viral vector encoding ~~an~~ the antisense *ras* molecule.

7. (original) The method of claim 6, wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector, and a vaccinia virus vector.
8. (currently amended) The method of claim ~~5~~ 1, wherein ~~RAS activity is decreased by administering an effective amount of an~~ the antisense *ras* molecule which is an oligonucleotide.
9. (original) The method of claim 6, wherein the viral vector further comprises a nucleic acid encoding *MDA-7* in expressible form.
10. (currently amended) A method for inhibiting proliferation in a population of cancer cells having a *ras* gene mutation which increases *RAS* activity comprising (i) increasing the amount of the differentiation associated protein, *MDA-7*, by a method selected from introducing, into at least one cell of the population, an effective amount of a nucleic acid encoding *MDA-7* protein, in expressible form and introducing, into the population, an effective amount of *MDA-7* protein and (ii) decreasing *RAS* activity by introducing, into at least one cell of the population, an effective amount of an anti-*RAS* agent selected from the group consisting of an antisense *ras* molecule, a ribozyme, a precursor of a triple helix, a farnesyl transferase inhibitor, and ~~The method of claim 1 wherein *RAS* activity is decreased by administering, to the cancer cell population, an effective amount of an agent which inhibits a molecule selected from the group consisting of the epidermal growth factor receptor, *RAF*, MAPK kinase, MAP kinase, and P13 kinase.~~
11. (currently amended) A method for inhibiting proliferation ~~and/or inducing cell death~~ of a cancer cell having a *ras* gene mutation which increases *RAS* activity

comprising by (i) increasing the amount of the differentiation protein, *MDA-7* by introducing, into the cell, a nucleic acid encoding *MDA-7* protein, in expressible form and (ii) decreasing *RAS* activity by introducing, into the cell, an anti-*RAS* agent selected from the group consisting of an antisense *ras* molecule, a ribozyme, a precursor of a triple helix, and a farnesyl transferase inhibitor in the cancer cell.

12. (cancelled)

13. (currently amended) The method of claim ~~12~~ 11 wherein the nucleic acid encoding ~~*mda*~~*MDA-7* protein is comprised in a viral vector.

14. (original) The method of claim 13 wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector and a vaccinia virus vector.

15. (cancelled).

16. (currently amended) The method of claim ~~15~~ 11, wherein *RAS* activity is decreased by administering an effective amount of a viral vector encoding an antisense *ras* molecule.

17. (original) The method of claim 16, wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector, and a vaccinia virus vector.

18. (currently amended) The method of claim ~~15~~ 11, wherein *RAS* activity is decreased by administering an effective amount of an antisense *ras* molecule which is an oligonucleotide.

19. (original) The method of claim 16, wherein the viral vector further comprises a nucleic acid encoding *MDA-7* in expressible form.

20. (currently amended) A method for inhibiting proliferation of a cancer cell having a *ras* gene mutation which increases *RAS* activity comprising (i) increasing the amount of the differentiation protein, *MDA-7* by introducing, into the cell, a nucleic acid encoding *MDA-7* protein, in expressible form and (ii) decreasing *RAS* activity by introducing, into the cell, ~~The method of claim 11 wherein *RAS* activity is decreased by administering, to the cancer cell,~~ an effective amount of an agent which inhibits a molecule selected from the group consisting of the epidermal growth factor receptor, *RAF*, MAPK kinase, MAP kinase and P13 kinase.
21. (currently amended) A method for inhibiting proliferation ~~and inducing cell death~~ in a population of pancreatic cancer cells having a mutated K-*ras* gene ~~by comprising~~ (i) increasing the amount of the differentiation protein, *MDA-7* by a method selected from the group consisting of introducing, into one or more cell of the population, a nucleic acid encoding *MDA-7* protein, in expressible form and introducing, into the cell population, *MDA-7* protein and (ii) decreasing *RAS* activity by introducing, into one or more cell of the population, an anti-*RAS* agent selected from the group consisting of an antisense *ras* molecule, a ribozyme, a precursor of a triple helix, and a farnesyl transferase inhibitor within the population.
22. (original) The method of claim 21 wherein the amount of *MDA-7* is increased by introducing, into one or more cell of the population, a nucleic acid encoding *MDA-7* protein in expressible form.
23. (original) The method of claim 22 wherein the nucleic acid encoding *MDA-7* protein is comprised in a viral vector.

24. (original) The method of claim 23 wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector, and a vaccinia virus vector.
25. (cancelled)
26. (currently amended) The method of claim ~~25~~ 21, wherein *RAS* activity is decreased by administering an effective amount of a viral vector encoding an antisense *ras* molecule.
27. (original) The method of claim 26, wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector, and a vaccinia virus vector.
28. (currently amended) The method of claim ~~25~~ 21, wherein *RAS* activity is decreased by administering an effective amount of an antisense *ras* molecule which is an oligonucleotide.
29. (original) The method of claim 26, wherein the viral vector further comprises a nucleic acid encoding *MDA-7* in expressible form.
30. (currently amended) A method for inhibiting proliferation of a cancer cell having a *ras* gene mutation which increases *RAS* activity comprising (i) increasing the amount of the differentiation protein, *MDA-7* by introducing, into the cell, a nucleic acid encoding *MDA-7* protein, in expressible form and (ii) decreasing *RAS* activity by introducing, into the cell, The method of claim 21 wherein *RAS* activity is decreased by administering, to the pancreatic cancer cell population, an effective amount of an agent which inhibits a molecule selected from the group consisting of the epidermal growth factor receptor, *RAF*, MAPK kinase, MAP kinase and P13 kinase.

31. (currently amended) A method for inhibiting proliferation ~~and/or inducing cell death~~ of a pancreatic cancer cell having a mutated *K-ras* gene ~~by comprising~~ (i) increasing the amount of the differentiation protein, *MDA-7* by introducing, into the cell, a nucleic acid encoding *MDA-7* protein, in expressible form and (ii) decreasing *RAS* activity by introducing, into the cell, an anti-*RAS* agent selected from the group consisting of an antisense *ras* molecule, a ribozyme, a precursor of a triple helix, and a farnesyl transferase inhibitor ~~in the pancreatic cancer cell.~~
32. (cancelled)
33. (currently amended) The method of claim ~~32~~ 31 wherein the nucleic acid encoding *mda-7* protein is comprised in a viral vector.
34. (original) The method of claim 33 wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector and a vaccinia virus vector.
35. (cancelled).
36. (currently amended) The method of claim ~~35~~ 31, wherein *RAS* activity is decreased by administering an effective amount of a viral vector encoding an antisense *ras* molecule.
37. (original) The method of claim 36, wherein the viral vector is selected from the group consisting of an adenovirus vector, an adeno-associated virus vector, a retrovirus vector, and a vaccinia virus vector.
38. (currently amended) The method of claim ~~35~~ 31, wherein *RAS* activity is decreased by administering an effective amount of an antisense *ras* molecule which is an oligonucleotide.

39. (original) The method of claim 36, wherein the viral vector further comprises a nucleic acid encoding *MDA-7* in expressible form.
40. (currently amended) A method for inhibiting proliferation of a cancer cell having a *ras* gene mutation which increases *RAS* activity comprising (i) increasing the amount of the differentiation protein, *MDA-7* by introducing, into the cell, a nucleic acid encoding *MDA-7* protein, in expressible form and (ii) decreasing *RAS* activity by introducing, into the cell, The method of claim 31 wherein *RAS* activity is decreased by administering, to the cancer cell, an effective amount of an agent which inhibits a molecule selected from the group consisting of the epidermal growth factor receptor, *RAF*, MAPK kinase, MAP kinase and P13 kinase.
41. (currently amended) A method for treating a subject having pancreatic cancer, comprising administering, to the subject, an effective amount of a molecule selected from the group consisting of a nucleic acid encoding *MDA-7* protein, in expressible form, and *MDA-7* protein, and an anti-*RAS* agent selected from the group consisting of amounts of agents which are effective, in combination, in (i) increasing the amount of the differentiation associated protein, *MDA-7* and (ii) decreasing *RAS* activity in cells of the pancreatic cancer—an antisense *ras* molecule, a ribozyme, a precursor of a triple helix, a farnesyl transferase inhibitor, and an agent which inhibits a molecule selected from the group consisting of the epidermal growth factor receptor, *RAF*, MAPK kinase, MAP kinase, and P13 kinase.
42. (original) A method of treating a subject having pancreatic cancer, comprising administering, to the subject (a) a viral vector comprising an *mda-7* gene in expressible form; and (b) an antisense *ras* oligonucleotide, in amounts which are effective, in

combination, in (i) increasing the amount of the differentiation associated protein, *MDA-7* and (ii) decreasing *RAS* activity in cells of the pancreatic cancer.

43. (cancelled)

44. (cancelled)

45. (cancelled)

46. (cancelled)

47. (cancelled)

48. (cancelled)

49. (cancelled)

50. (cancelled)